

ARNOLD & PORTER LLP



September 7, 2004

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Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Art Unit: 1638
Examiner: R. Kallis
Conf. No. 4151

Re: U.S. Patent Application Serial No. 10/030,537
371 Filing Date: April 23, 2002
Inventors: Balasulojini KARUNANANDAA *et al.*
Title: Nucleic Acid Molecules and Other Molecules
Associated with Sterol Synthesis and Metabolism
Atty. Dkt: 16518.121

Sir:

Transmitted herewith for appropriate action by the U.S. Patent and Trademark Office (PTO) are the following documents:

1. Response to Restriction Requirement; and
2. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

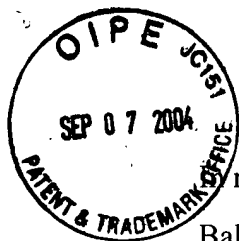
In the event that extensions of time beyond those petitioned for herewith are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned. Applicants do not believe any additional fees are due in conjunction with this filing. However, if any fees are required in the present application, including any fees for extensions of time, then the Commissioner is hereby authorized to charge such fees to Arnold & Porter LLP Deposit Account No. 50-2387, referencing docket number 16518.121.

Sincerely,

Two handwritten signatures are present. The first signature is a stylized, cursive signature that appears to be "TH" or similar. The second signature is a more legible cursive signature that appears to be "E. H." or similar.

Thomas E. Holsten (Reg. No. 46,098)
David R. Marsh (Reg. No. 41,408)

Enclosures



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Patent Application of:

Balasulojini KARUNANANDAA *et al.*

Appln. No.: 10/030,537

371 Filing Date: April 23, 2002

Conf. No.: 4151

Art Unit: 1638

Examiner: Russell KALLIS

Atty. Docket: 16518.121

For: **Nucleic Acid Molecules and Other Molecules Associated with Sterol Synthesis and Metabolism**

Response to Restriction Requirement

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed August 6, 2004, Applicants submit the following response.

Remarks

The application presently contains claims 1-46. In the Office Action dated August 6, 2004, the Examiner required restriction to one of the inventions under 35 U.S.C. § 121 of Group I through Group VIII.

Moreover, upon the election one of Groups I-VIII, the Examiner further required election of a single amino acid sequence and the corresponding single nucleic acid encoding sequence. In particular, the Examiner stated that upon election of Group I, election of a single amino acid sequence of SEQ ID NOs: 30, 31, 32, 33 or 34 and the corresponding single nucleic acid sequence was required. Further, if Group III was